

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A cosmetic composition, comprising at least one rod-coil type block copolymer comprising at least ~~one "coil" polymeric block~~one polymeric coil-block structure of variable conformation bonded to at least one ~~"rod" block~~rod-block structure of restricted conformation, wherein:

the at least one rod-coil type block copolymer is provided in a physiologically acceptable medium; and

the ~~rod-block~~rod-block structure is of polymeric nature and is constituted in ~~full or in part of~~full, or in part, by peptide motifs having free hydrogen atoms with some or all of the free hydrogen atoms of the peptide motifs participating in non-covalent hydrogen bonds within the ~~rod-block structure.~~ structure,

the rod-block structure being selected from the group consisting of:

- poly(L-leucine), poly(L-valine), poly(phenylalanine);

- poly(L-glutamic acid) and salts thereof;

- polyglutamine;

- polypeptide copolymers selected from the group consisting of  
poly(hydroxyethyl-L-glutamine and leucine), poly(hydroxyethyl-L-glutamine and valine),  
poly( $\gamma$ -benzyl-L-glutamate and leucine), poly( $\gamma$ -benzyl-L-glutamate and D,L-phenylalanine),  
poly( $\gamma$ -benzyl-L-glutamate and cinnamylglutamate), poly(N-benzyloxycarbonyl-L-lysine and  
 $\gamma$ -benzyl-L-glutamate) and salts thereof; and

- derivatives thereof;

the polymeric coil-block structure being selected from the group consisting of:

- polyethers of the ethylene polyoxide type, propylene polyoxide and copolymers thereof;

- homopolymers of siloxane; and

- copolymers, salts and derivatives thereof.

2. (Currently Amended) The composition according to claim 1, wherein the non-covalent hydrogen bonds within the ~~rod~~-rod-block structure are present in sufficient number and/or are strategically placed as to ensure that the ~~rod-polymeric~~rod-block structure has a mean distance between the ends of its chain  $\langle R_0^2 \rangle$  satisfying the convention:

$$\langle R_0^2 \rangle_{\text{rod}} = CNL^2$$

where:

L represents a length of a monomer;

C represents restrictions imposed on the chain and is greater than 1; and

N represents a number of monomers constituting ~~the block~~a block of the rod-block structure.

3-6. (Canceled)

7. (Currently Amended) The composition according to claim 1, wherein a number average molecular mass of the ~~rod-blocks~~rod-block structures is from 200 g/mol to 1,000,000 g/mol.

8. (Currently Amended) The composition according to claim 1, wherein the ~~rod-blocks~~rod-block structures are present in an amount of at least 10% by weight relative to a total weight of the copolymer.

9. (Currently Amended) The composition according to claim 1, wherein a mean distance between the ends of a chain in the ~~coil-block~~polymeric coil-block structure satisfies the convention:

$$\langle R_0^2 \rangle_{\text{coil}} = NL^2$$

where:

L represents a length of a monomer; and

N represents a number of monomers constituting ~~the block~~ a block of the polymeric coil-block structure.

10-11. (Canceled)

12. (Currently Amended) The composition according to claim 1, wherein a number average molecular mass of the ~~coil block~~ polymeric coil-block structure is from 300 g/mol to 1,000,000 g/mol.

13. (Currently Amended) The composition according to claim 1, wherein an overall number average molecular mass of the rod-coil type block copolymer ~~rod-coil copolymer~~ is from 700 g/mol to 1,000,000 g/mol.

14. (Currently Amended) The composition according to claim 1, wherein the rod-coil type block copolymer ~~rod-coil block copolymer~~ is not cross-linked.

15. (Currently Amended) The composition according to claim 1, wherein the rod-coil type block copolymer ~~rod-coil copolymer~~ is selected from the group consisting of: rod-block-coil di-blocks, coil-block-rod-block-coils, rod -b- coil -b- rod tri-blocks, and salts thereof.

16. (Previously Presented) The composition according to claim 1, wherein the composition contains the rod-coil type block copolymer in an amount of from 0.5% to 90% by weight relative to a total weight of the composition.

17. (Previously Presented) The composition according to claim 1, wherein the composition comprises at least one aqueous phase.

18. (Previously Presented) The composition according to claim 1, wherein the composition comprises at least one fatty phase.

19. (Previously Presented) The composition according to claim 1, wherein the composition is anhydrous.

20. (Previously Presented) The composition according to claim 18, wherein the fatty phase comprises at least one of a fat that is liquid at ambient temperature and at atmospheric pressure and a fat that is solid at ambient temperature and at atmospheric pressure.

21. (Previously Presented) The composition according to claim 20, wherein the fat that is liquid at ambient temperature and at atmospheric pressure comprises at least one volatile or non-volatile oil or a mixture thereof.

22. (Previously Presented) The composition according to claim 20, wherein the fat that is liquid at ambient temperature and at atmospheric pressure is present in an amount of from 0.01% to 90% by weight relative to a total weight of the fatty phase.

23. (Previously Presented) The composition according to claim 20, wherein the fat that is solid at ambient temperature and at atmospheric pressure is selected from waxes, pasty fats, gums, and mixtures thereof.

24. (Currently Amended) The composition according to claim 18, wherein the fatty phase comprises at least one solid fat in an amount ~~of from~~ of from 0.01% to 50% by weight relative to a total weight of the composition.

25. (Currently Amended) The composition according to claim 1, wherein the composition further comprises a particulate phase in an ~~amount of~~ amount of from 0.01% to 40% by weight relative to a total weight of the composition.

26. (Previously Presented) The composition according to claim 25, wherein the particulate phase comprises at least one of an additional pigment, nacre or filler.

27. (Previously Presented) The composition according to claim 1, wherein the composition is in the form of an oil-in-water or a water-in-oil emulsion.

28. (Previously Presented) The composition according to claim 1, wherein the composition is in the form of a product that has been cast as a stick or a cake.

29. (Currently Amended) The composition according to claim 1, wherein the composition is in the form of a makeup and/or a care product for ~~the skin and/or the lips~~ at least one member selected from the group consisting of skin and lips.

30. (Currently Amended) The composition according to claim 1, wherein the composition is in the form of a care product and/or a makeup for ~~the nails~~ nails.

31. (Currently Amended) The composition according to claim 1, wherein the composition is in the form of a care product and/or a styling composition for ~~the hair~~ hair.

32. (Currently Amended) A method of cosmetically treating a keratinous material, comprising applying ~~the~~ to the keratinous material a cosmetic composition according to claim 1 to the material comprising at least one rod-coil type block copolymer comprising at least one polymeric coil-block structure of variable conformation bonded to at least one rod-block structure of restricted conformation, wherein:

the at least one rod-coil type block copolymer is provided in a physiologically acceptable medium; and

the rod-block structure is of polymeric nature and is constituted in full or in part, of peptide motifs having free hydrogen atoms with some or all of the free hydrogen atoms of the peptide motifs participating in non-covalent hydrogen bonds within the rod-block structure;

the rod-block structure being selected from the group consisting of:

- poly(L-leucine), poly(L-valine), poly(phenylalanine);

- poly(L-lysine);

- \_\_\_\_\_ - poly(L-glutamic acid) and salts thereof;
- \_\_\_\_\_ - polyglutamine;
- \_\_\_\_\_ - polypeptide copolymers selected from the group consisting of  
poly(hydroxyethyl-L-glutamine and leucine), poly(hydroxyethyl-L-glutamine and valine),  
poly( $\gamma$ -benzyl-L-glutamate and leucine), poly( $\gamma$ -benzyl-L-glutamate and D,L-phenylalanine),  
poly( $\gamma$ -benzyl-L-glutamate and cinnamylglutamate), poly(N-benzyloxycarbonyl-L-lysine and  
 $\gamma$ -benzyl-L-glutamate) and salts thereof; and
- \_\_\_\_\_ - derivatives thereof; and
- \_\_\_\_\_ the polymeric coil-block structure being selected from the group consisting of:
- \_\_\_\_\_ - polyethers of the ethylene polyoxide type, propylene polyoxide and  
copolymers thereof;
- \_\_\_\_\_ - homopolymers of siloxane; and
- \_\_\_\_\_ - copolymers, salts and derivatives thereof.

33-38. (Canceled)

39. (New) The method according to claim 32, wherein the keratinous material is at least one member selected from the group consisting of skin and lips.

40. (New) The method according to claim 32, wherein the keratinous material is nails.

41. (New) The method according to claim 32, wherein the keratinous material is hair.